

CWSRF Benefits Reporting

Loan: 89 of 97	<input checked="" type="checkbox"/> Entry Complete		
Borrower: Havre de Grace, City of	Loan Execution Date: 01/31/2008	Tracking #: WW0962	Other #:
Assistance Type: Loan	Loan Interest Rate: 2.60%	Incremental Funding: N	Phase #: 0
Loan Amount \$: \$26,328,354.00	Repayment Period: 20	Original Tracking #:	
<input type="checkbox"/> Final Amount	% Funded by CWSRF: 54.00%	Same Environmental Results:	<input type="checkbox"/>
Total from all Projects \$: 26,328,354.00	Multiple nonpoint source projects with similar Environmental Results:	<input type="checkbox"/>	Total NPS Projects: 0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Havre de Grace WWTP BNR/ENR Upgrade and Expansion

Facility Name:

Population Served (Current) :

by the Project: 17,500

by the Facility: 17,500

Wastewater Volume (Design Flow)

by the Project: 1.8900mgd Volume 0.0000mgd

by the Facility: 1.8900mgd

Needs Categories:

II Advanced Treatment \$26,328,354.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge
NPDES Permit Number: MD0021750 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	<u>Waterbody Name</u>	<u>Waterbody ID</u>	<u>State Waterbody ID</u>	<u>Receiving Waterbody</u>
Primary Impacted :	Chesapeake Bay		02139966	<input checked="" type="checkbox"/>
Other Impacted :				<input type="checkbox"/>

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Improvement.
b. Allows the system to Achieve Compliance.
c. Affected waterbody is Impaired.
d. Allows the system to address..... ☐ Existing TMDL ☒ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

Water Contact Recreation
Protection of Aquatic Life
Agricultural Water Supply
Industrial Water Supply

Protection:

Primary
Primary
Secondary
Secondary

Restoration:

Comments:

This project is to upgrade and expand the existing 1.89 mgd Havre de Grace WWTP. The upgrade involves planning, design, and construction of BNR/ENR facilities. The expansion is to increase the existing WWTP capacity to the approved design capacity of 3.3 mgd to accommodate planned growth within the City limits. When completed, the WWTP will achieve annual effluent quality of 3 mg/l for total nitrogen and 0.3 mg/l for total phosphorous. The project will reduce nutrient loadings into the